Amendments to the Claims

1. (Currently Amended) A method for the preparation of an aqueous suspension of essentially single, non-tangled carbon nanotubes, comprising:

adding carbon nanotubes to a water solution ~~including~~ of a hydrophilic polymeric material selected from the group consisting of polysaccharides and polypeptides;

maintaining a mass ratio of said polymeric material to said nanotubes in a range between 0.05 to 20; and

sonicating said solution including said nanotubes.

2. (Canceled)

3. (Original) A method for the preparation of dry non-tangled carbon nanotubes comprising: i) the preparation of an aqueous suspension of carbon nanotubes according to claim 1; and ii) the removal of water from said suspension.

4. (Original) A method of claim 3, wherein the removal of water comprises evaporation, lyophilization, or filtration.

5. (Previously Presented) A method according to claim 1, wherein a sum of a concentration of said carbon nanotubes and a concentration of said polymeric material in the suspension is up to 65% by weight.

6. (Canceled)

7. (Original) A method according to claim 1, wherein the polymer is selected from gum arabic, carrageenan, pectin, polygalacturonic acid, alginic acid, chitosan, combinations thereof and derivatives thereof.

8. (Original) A method according to claim 7, wherein the polymer is gum arabic.

9. (Original) A stable suspension of carbon nanotubes, prepared according to claim 1.

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10. (Previously Presented) A powder of carbon nanotubes, comprising a polymer in admixture therewith, obtained by the method according to claim 3.

11. (Original) The powder of claim 10, wherein the polymer is adsorbed on the nanotubes.

12. (Withdrawn) Use of the carbon nanotubes of claim 9 for creating a required conductive pattern, comprising: i) providing a solid support, and ii) depositing said carbon nanotubes onto a said solid support in the required conductive pattern.

13. (Withdrawn) Use of the carbon nanotubes of claim 9 as a template for the growth of crystals of silica, or a hybrid material of silica with carbon nanotubes, comprising: i) providing a silica containing material, and ii) contacting said material with said carbon nanotubes.

14. (Withdrawn) Use of the carbon nanotubes of claim 9 as a reinforcing agent for polymeric matrices, comprising: i) providing a silica containing material, and ii) contacting said material with said carbon nanotubes.

15. (Withdrawn) Use of the carbon nanotubes according to claim 14, wherein the polymeric matrix is elastomer.

16. (Withdrawn) Use of the carbon nanotubes of claim 9 as an electric conductive connector between two electronic devices, comprising: i) providing two electronic devices, and ii) depositing said carbon nanotubes between said device to create a continuous pattern.

17. (Withdrawn) Use according to claim 16, wherein at least one of the devices is a nanoelectronic device.

18. (Withdrawn) Use of the carbon nanotubes of claim 9 in a technique that comprises the formation of a thin layer on a surface, comprising: i) providing a solid surface, and ii) depositing said carbon nanotubes onto said surface in a pattern enabling at least a partial cover of said surface by a layer of said nanotubes.

19. (Withdrawn) Use according to claim 18, wherein the technique is printing.

20. (Withdrawn) Use according to claim 18, wherein the technique is coating.